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Solve the Equations 5

Round your answers to the nearest hundredth if needed.

1) $-2(3 - 5b) = 24$

6) $-33 = -3s + 2s$

2) $4f + 5 - 2f = -16$

7) $3(6r + 2) = 35 + 4r$

3) $-8c + 9 - 2 = 25$

8) $-4(8h + 6) = -32$

4) $3 - 6(1 - 5a) = 25$

9) $22 = -7 + 6(y - 8)$

5) $-16 = 2(8z - 4)$

10) $19 + 9v = -5(7v - 3)$



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Solve the Equations

Round your answers to the nearest hundredth if needed.

1) $-2(3 - 5b) = 24$

$b = 3.00$

6) $-33 = -3s + 2s$

$s = 33.00$

2) $4f + 5 - 2f = -16$

$f = -10.50$

7) $3(6r + 2) = 35 + 4r$

$r = 2.07$

3) $-8c + 9 - 2 = 25$

$c = -2.25$

8) $-4(8h + 6) = -32$

$h = 0.25$

4) $3 - 6(1 - 5a) = 25$

$a = 0.93$

9) $22 = -7 + 6(y - 8)$

$y = 12.83$

5) $-16 = 2(8z - 4)$

$z = -0.50$

10) $19 + 9v = -5(7v - 3)$

$v = -0.09$



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Solve the Equations 6

Round your answers to the nearest hundredth if needed.

1) $-4r - 11 = 19$

6) $15 - 5h = 13$

2) $\frac{f + 20}{-8} = 16$

7) $\frac{12 + a}{-2} = -20$

3) $\frac{2 - c}{29} = -11$

8) $\frac{k - 10}{27} = 6$

4) $\frac{20 - z}{-13} = 7$

9) $\frac{5}{7}d - 3 = 16$

5) $\frac{11 + y}{19} = -21$

10) $\frac{v - 17}{-22} = 19$



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Solve the Equations

Round your answers to the nearest hundredth if needed.

1) $-4r - 11 = 19$

$r = -7.50$

6) $15 - 5h = 13$

$h = 0.40$

2) $\frac{f + 20}{-8} = 16$

$f = -148.00$

7) $\frac{12 + a}{-2} = -20$

$a = 28.00$

3) $\frac{2 - c}{29} = -11$

$c = 321.00$

8) $\frac{k - 10}{27} = 6$

$k = 172.00$

4) $\frac{20 - z}{-13} = 7$

$z = 111.00$

9) $\frac{5}{7}d - 3 = 16$

$d = 26.60$

5) $\frac{11 + y}{19} = -21$

$y = -410.00$

10) $\frac{v - 17}{-22} = 19$

$v = -401.00$



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Solve the Equations 7

Round your answers to the nearest hundredth if needed.

1) $6x + 9 + 3x = -18$

6) $18 = -5z - 9z$

2) $-7 - 6(1 + 8k) = -32$

7) $24 = -9 + 7(n + 2)$

3) $35 - 7c = 2(3c + 5)$

8) $-9(5 + 8h) = 27$

4) $-6s + 3 - 4 = 24$

9) $30 = -3(8f + 4)$

5) $4(2d + 7) = 29$

10) $8(5b + 4) = 25 - 9b$



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Solve the Equations

Round your answers to the nearest hundredth if needed.

1) $6x + 9 + 3x = -18$

$x = -3.00$

6) $18 = -5z - 9z$

$z = -1.29$

2) $-7 - 6(1 + 8k) = -32$

$k = 0.40$

7) $24 = -9 + 7(n + 2)$

$n = 2.71$

3) $35 - 7c = 2(3c + 5)$

$c = 1.92$

8) $-9(5 + 8h) = 27$

$h = -1.00$

4) $-6s + 3 - 4 = 24$

$s = -4.17$

9) $30 = -3(8f + 4)$

$f = -1.75$

5) $4(2d + 7) = 29$

$d = 0.12$

10) $8(5b + 4) = 25 - 9b$

$b = -0.14$



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Multi-Step Equations: Integers

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Level 1: S1

Solve each equation.

1) $3(x - 4) = 2(-2x + 1)$

2) $8q + 6 = 4q - 14$

3) $9 = \frac{v + 4}{v + 12}$

4) $7 - (5t - 13) = -25$

5) $-3(7p + 5) = 27$

6) $14 + 13y = 20y - 21$

7) $\frac{-8 - 3k}{2} = 11$

8) $-15b + 21 + 5b = -19$

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Answer Key

Multi-Step Equations: Integers

Level 1: S1

Solve each equation.

1) $3(x - 4) = 2(-2x + 1)$

$x = 2$

2) $8q + 6 = 4q - 14$

$q = -5$

3) $9 = \frac{v + 4}{v + 12}$

$v = -13$

4) $7 - (5t - 13) = -25$

$t = 9$

5) $-3(7p + 5) = 27$

$p = -2$

6) $14 + 13y = 20y - 21$

$y = 5$

7) $\frac{-8 - 3k}{2} = 11$

$k = -10$

8) $-15b + 21 + 5b = -19$

$b = 4$